

## ABSTRACT

A method of producing a highly stable packaging substrate in which are provided a first precursor having a first backbone and a first ethynyl group, and a second precursor having a second backbone and a second ethynyl group. Furthermore provided is a crosslinker having a first and a second reactive group. The first precursor, the second precursor, the crosslinker, and a solvent are applied onto a surface to form an electrically insulating layer. The first ethynyl group is reacted with the first reactive group in a first carbon-carbon bond formation reaction and the second ethynyl group is reacted with the second reactive group in a second carbon-carbon bond formation reaction to crosslink the first backbone with the second backbone, thereby forming the packaging substrate. The solvent is removed in a further step.

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